Please provide the following information, and submit to the NOAA DM Plan Repository.

Reference to Master DM Plan (if applicable)

As stated in Section IV, Requirement 1.3, DM Plans may be hierarchical. If this DM Plan inherits provisions from a higher-level DM Plan already submitted to the Repository, then this more-specific Plan only needs to provide information that differs from what was provided in the Master DM Plan.

URL of higher-level DM Plan (if any) as submitted to DM Plan Repository:

1. General Description of Data to be Managed

1.1. Name of the Data, data collection Project, or data-producing Program:

Video Records and Extracted Data - July 2005 HURL Cruise

1.2. Summary description of the data:

First reconnaissance at Jarvis Island, Palmyra Atoll, and Kingman Reef, Line Islands, for species diversity, community structure, deep-water habitats, and bottom topography of meso- and subphotic island slopes between 150-1027 m (mostly at 200-800 m) using Hawai`i Undersea Research Laboratory PISCES research submersibles. Data were collected during July 2005 by Bruce Mundy, Frank Parrish, and James Maragos (USFWS), with major assistance with the staff of the Hawai`i Undersea Research Laboratory. Submersible dives were of 6-9 hours each: 1 at Jarvis Island, 2 at Palmyra Atoll, and 3 at Kingman Reef. Five of the dives used survey protocols from previous work in the Northwestern Hawaiian Islands, to allow comparisons with another region (one dive at Kingman Reef was purely exploratory). The protocol consisted of: (1) descent to a depth allowed by local conditions and time constraints; (2) exploratory observations upslope, (3) four 30 minute transects at 500, 450, 400, and 350 m during which observers identified, counted, and estimated the sizes of all fish and invertebrates with the aid of a calibrated laser scale projected on the substrate, and (4) more exploration upslope, if time allowed. Exploratory portions of the dives collected data on the species and habitat parameters observed, but did not include estimates of numbers or sizes of common organisms. Continuous audio and video files from the entire dives were recorded, from which data on biodiversity and habitat structure were extracted in the laboratory. Data analysis by Frank Parrish and Bruce Mundy.

1.3. Is this a one-time data collection, or an ongoing series of measurements?

One-time data collection

1.4. Actual or planned temporal coverage of the data:

2005-07-01 to 2005-07-30

1.5. Actual or planned geographic coverage of the data:

W: 170, E: -120, N: 45, S: 0

The Geographic Area for the data is the deepwater slopes of Jarvis Island (ca. 0?23'S,

160?0'W), Palmyra Atoll (ca. 5?52?N, 162?4'W), and Kingman Reef (6?24?N, 162?22?W), Line Islands.

1.6. Type(s) of data:
(e.g., digital numeric data, imagery, photographs, video, audio, database, tabular data, etc.)
Table (digital)

1.7. Data collection method(s):
(e.g., satellite, airplane, unmanned aerial system, radar, weather station, moored buoy, research vessel, autonomous underwater vehicle, animal tagging, manual surveys, enforcement activities, numerical model, etc.)
Instrument: HURL submersible
Platform: HURL submersible
Physical Collection / Fishing Gear: HURL submersible

1.8. If data are from a NOAA Observing System of Record, indicate name of system:

1.8.1. If data are from another observing system, please specify:

2. Point of Contact for this Data Management Plan (author or maintainer)

2.1. Name:
Darryl T Tagami

2.2. Title:
Metadata Contact

2.3. Affiliation or facility:
Pacific Islands Fisheries Science Center

2.4. E-mail address:
darryl.tagami@noaa.gov

2.5. Phone number:
(808)725-5745

3. Responsible Party for Data Management
Program Managers, or their designee, shall be responsible for assuring the proper management of the data produced by their Program. Please indicate the responsible party below.

3.1. Name:
Brent M Miyamoto

3.2. Title:
Data Steward

4. Resources

Programs must identify resources within their own budget for managing the data they produce.

4.1. Have resources for management of these data been identified?
Yes

4.2. Approximate percentage of the budget for these data devoted to data management (specify percentage or "unknown"):
Unknown

5. Data Lineage and Quality
NOAA has issued Information Quality Guidelines for ensuring and maximizing the quality, objectivity, utility, and integrity of information which it disseminates.

5.1. Processing workflow of the data from collection or acquisition to making it publicly accessible
(describe or provide URL of description):
Lineage Statement:
Data was collected in the field by PIFSC staff, and entered in table format into electronic spreadsheets.

5.1.1. If data at different stages of the workflow, or products derived from these data, are subject to a separate data management plan, provide reference to other plan:

5.2. Quality control procedures employed (describe or provide URL of description):
QC review prior to data entry. Further QC after data entry.

6. Data Documentation
The EDMC Data Documentation Procedural Directive requires that NOAA data be well documented, specifies the use of ISO 19115 and related standards for documentation of new data, and provides links to resources and tools for metadata creation and validation.

6.1. Does metadata comply with EDMC Data Documentation directive?
Yes

6.1.1. If metadata are non-existent or non-compliant, please explain:

6.2. Name of organization or facility providing metadata hosting:
NMFS Office of Science and Technology

6.2.1. If service is needed for metadata hosting, please indicate:

6.3. URL of metadata folder or data catalog, if known:
https://inport.nmfs.noaa.gov/inport/item/8787

6.4. Process for producing and maintaining metadata

(describe or provide URL of description):

Metadata produced and maintained in accordance with the NMFS Data Documentation Procedural Directive: https://inport.nmfs.noaa.gov/inport/downloads/data-documentation-procedural-directive.pdf

7. Data Access

NAO 212-15 states that access to environmental data may only be restricted when distribution is explicitly limited by law, regulation, policy (such as those applicable to personally identifiable information or protected critical infrastructure information or proprietary trade information) or by security requirements. The EDMC Data Access Procedural Directive contains specific guidance, recommends the use of open-standard, interoperable, non-proprietary web services, provides information about resources and tools to enable data access, and includes a Waiver to be submitted to justify any approach other than full, unrestricted public access.

7.1. Do these data comply with the Data Access directive?

Yes

7.1.1. If the data are not to be made available to the public at all, or with limitations, has a Waiver (Appendix A of Data Access directive) been filed?

7.1.2. If there are limitations to public data access, describe how data are protected from unauthorized access or disclosure:

7.2. Name of organization of facility providing data access:

Pacific Islands Fisheries Science Center

7.2.1. If data hosting service is needed, please indicate:

7.2.2. URL of data access service, if known:

7.3. Data access methods or services offered:

Send written request to PIFSC and get approval by the PIFSC data owner.

7.4. Approximate delay between data collection and dissemination:

1 Year

7.4.1. If delay is longer than latency of automated processing, indicate under what authority data access is delayed:

8. Data Preservation and Protection

The NOAA Procedure for Scientific Records Appraisal and Archive Approval describes how to identify, appraise and decide what scientific records are to be preserved in a NOAA archive.

8.1. Actual or planned long-term data archive location:

(Specify NCEI-MD, NCEI-CO, NCEI-NC, NCEI-MS, World Data Center (WDC) facility, Other, To Be Determined, Unable to Archive, or No Archiving Intended)

NCEI-MD

8.1.1. If World Data Center or Other, specify:

8.1.2. If To Be Determined, Unable to Archive or No Archiving Intended, explain:

8.2. Data storage facility prior to being sent to an archive facility (if any):

Pacific Islands Fisheries Science Center - Honolulu, HI

The Life History Program has relocated to the Honolulu IRC facility on Ford Island hence; most data sets are stored there.

8.3. Approximate delay between data collection and submission to an archive facility:

1 Year

8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?

Discuss data back-up, disaster recovery/contingency planning, and off-site data storage relevant to the data collection

PIFSC ITS perform regularly scheduled backups of shared drives.

9. Additional Line Office or Staff Office Questions

Line and Staff Offices may extend this template by inserting additional questions in this section.